# Submarine Will Prove a Commercial Blessing, Says Inventor

## Simon Lake Points to His Own Salvaging Work Near New York

Has Brought Up Cargoes of Sunken Coal Vessels,
Which Have Proved Valuable, Though Some Were Under Water for Years

By Edward Marshall any other human being, in the Bay of Naples have drawn up He was first to make the from beyond the depths to which divsubmarine a practical thing. That it ers can descend such coral as is not has been used principally for warfare accessible in the shallow waters. he regards as a tragic perversion of its These depths and far, far greater ones believes with all his heart. Its peace-time promises, as he sees them, are like fairy tales.

men. One cornl piece brought up by a Bay of Naples 'grab' sold for 30,000 lire, or at normal exchange \$6,000. Its lo-

is covered by water," he said thoughtfully to me. "Two-thirds! It is not done in similar waters by submarines Its mysteries conceal more treasures clearly what is there and capable of than the wildest remancer ever had dragged of the control of the co dreamed of. Treasure? Billions of it among discoveries. nothing of it beside the fact that it is Metien Pictures in the Depths

We talk of having mastered the earth. What nonsense! We have come and exploration, is working at a plan far nearer to mastery of the air than for the extensive use of the motion to mastery of that water-covered two-

"But the machines whereby we might erate depths and a film shown in Amerhave mastered it have been perfected ica and Europe had great vegue. But predicting this. In the exploration of and at our disposition longer than the with the submarine developed as it has submarine surfaces I have seen with airplane has been. Man's neglect of been, far more extensive picturing of my own eyes vast depths of ocean have baffled us. They "I have designed what has been

nothing but a sort of vast aquatic government a perfectly practical sub. by submari beast of prey, a sailor killer, baby deep-sea pearl fisheries. The prince to selve

that aircraft can do better things than drop bombs on defenseless cities. Let men also comprehend the fact that submarines may have a mission which has naught to do with stealthy. Hunnish killing; that if the 'liner is a ledy' construction of submarines for explorthe submarine may be, at least, an ing ocean bottoms and recovering their sampled wast beds of hard-shell clams and almost as exhaustive to relieve to the submarines of the construction of submarines for explored and simple the submarines of the construction of submarines for explored and simple that if the 'liner is a ledy' construction of submarines for explored and simple that if the 'liner is a ledy' construction of submarines for explored and carnest, brave, useful adventurer, ex- treasures. It was possibilities of this and almost ploring, mapping, studying, eventually sort, not those of destructive work in in which eviden eliminating perils-and very notably a those of warfare, have maintained my its my pathmaker revealing to humanity new interest. I regard as a diversion of a suspected secrets of the realm in which nature potential good to evil purposes the use "It is n

### Exploration of Air Easier

for air exploration is exhibarating, new dry land territories. Every one viously

Excursioning in submarines, upon plains of the United States, first to catthe other hand, is hidden, cramped, op- tle raising and then to grain and other ton of that famous bay I saw and work in darksome depths as | erop growing. with grim tragedies of "Unexplored and undeveloped, they n wrecked ships, drowned men, women, had produced little but the buffaio and not been dreamed of by the convenbabes, tremendous unknown monsters. minor wild animals, useful principally tional oyster man. The best shallow-to savage tribes. Under development water beds already have been exof air travel and even more mysteri- by civilized man they furnish food and hausted. ous, but it is incurred in stuffy quar- many other things for tens of millions. "Soft-shell clams up to six inches ters, out of sight of all mankind save I believe similar development will oc- in length used to be found by subintimate. Since the early boats which non-war purposes fully begins. travel no submarine has been the subject of excited crowd enthusiasm. The recognize their bravery, but for four years of incredible brutality have dubbed them beasts, monsters, assassins, unclean fighters, pirates. "Yet I personally am sure that the

submarine will give as great a gift to

methods, but that marvels up to now unguessed exist for him who shall go after the pearl oyster the opening of the tide. Speak With Less Assurance

Of 'Incvitable' World Revolt

All the Russian speakers at the competitive the pearl of the world. All the discussions at the competit the opening of the tide. They dominated the opening of the tide. They dominated the opening to the wake of their complete the opening of the tide of

Designer Prophesies the Submarine Will Be Greater in Peace Than in War Shellfish at Great Depths



"It bores me to have people talk about the submarine as if it could be

recommends to the Australian govern- which may are

rendering commonplace environments warfare, which first interested me in istence of soft-shell clams was quite new utterly unknown, a pathfinder, submarines, and such possibilities, not as plain, although until I visited them

tored and in which man has scattered of the submarine, as of the dirigible beds cannot have been polluted by

"It is not extraordinary that the air possibilities may be fully comparable go out in tailboats and rake the shed-to those which have been developed in hish up with 'tongs' and dredges. Obopenly dramatic, very much in the of average intelligence comprehends but a few feet, but they cannot dredge sight of men. It involves that which the great contribution to the world's them from rocky bottoms, where man made by the opening of the Western ca

a few thrust into a companionship cur with regard to ocean beds when marines along the shores of Long latter be sold at any price up to 25 cents of which restricted space makes all too the utilization of the submarine for and Sound in unlimited quantities. They are not obtainable to-day by "They are waiting

which is espable of gathering wast their cargoes are recoverable at slight found only 20 per cent of the orig nutritious food product in waters recoverable treasure will be vast. "Colonel K. M. Fors, of England, in- Uncharted Wrecks on Bottom

waters is the their efforts limited by the length of "That the ocean bed is full of treas- graphite had been caused by the co-

## Sufficient to Feed Mankind

Undersea Boats May Develop Ocean Bottom in Ways Hitherto Unheard Of and Prove of Greater Benefit Than Airplane

their rakes and other grappling appar- ures is indicated more dramatically b

laced there by nature, and which are I found one entirely unrecorded the

sland Sound, hoping to discover treas- worth salvaging, but why was not

"The records of Sound shipping have out record by sailermen and owners given me an extraordinary list of coal- an extraordinary number of cases laden schooners lost in this small but Five Thousand Other Ships Sunk mportant stretch of water, and it oc Since 1879 on United States Coast

miles long revealed eleven sunken curious fact that it is no one's job, or outside of the government, to ma a fair sample of the coast waters, for ful of shellfish and is now unavailable worth of coal await my coal recovering

easily accessible along the coasts of "Already I have recovered nearly alt both the Atlantic and the Pacific. It the cargo from eleven sunken coal been submerged for seventy-five ye does not dredge them, but stirs the boats, and I might have recovered a and found it not only as ottom so that they rise to the surface better percentage had my apparatus better than it was

### Submarine Will Uncover Many

fisheries the sub- ship wrecks. We have records of 864 been cast iron, but had far, far beyond the reach of present tioned there really are thousands of chemist of the Boston Institute

the number of these unrecorded wrec "And there are treasures on old in that small area in Long Island Son

"My really slight efforts revealed an been sunk since 1879 in United St

ishing. Colonel Foss showed me reparts prepared by the Duke of Argyle Communist He has been working for a long time

## the name of sailors daring death by operating submarines anathema. All Russian Communists Cling to Hope of World Revolt of wood, if it of operating submarines anathema. All

By Leo Pasvolsky

been worked out by others in very mod-

in Ruszia alone, but that it must have 1920. The world situation, the position Communist parties, one party for each At the time when the third congress tion is based on the Communist party on the condition of the Florencia, THEN communism became es- aid from other countries in the form of the Soviet regime in Russia and country. To this unified Communist held its sessions it was already quite as the unit. As defined by acts of the Spanish Armada ship sunk in 1588. tablished in Russia its lead- of a social revolution there. This aid the frame of mind of the Communist party all Communist or pro-Commu- apparent that the economic experiment Third internationale, the ers were certain that their has been slow in coming, but Lenine is leaders, who formed a sort of an "inter- nist groups in the given country were of Russian communism not only was party in a country which has estab- on this wreck and has cleared away to example would be followed in an as the sirplane ever can. The latter may explore some difficult areas of the earth's surface, but it will eximally superficially; the submarine, sooner or later, will explore far greater areas below the surface of the sea, and it will delve, in
all the principal countries of Europe. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The problem locking directorate," running both the expected to offer complete obedience. The straint in that it will come. The problem locking directorate," running both the expected to offer complete obedience. The straint that it will come. The problem locking directorate," running both the expected to offer complete obedience. The straint in that it will come. The problem locking directorate," running both the expected to offer complete obedience. The straint in that it will come. The problem locking directorate," running both the expected to offer complete obedience. The straint in that it will come. The problem locking directorate," running both the copied of the coming of this world social that it had brought the country to an offer complete obedience. The straint in that it will come. The problem locking directorate," running both the copied of the coming of this world social that it had brought the country example would be followed in certain that it will come. The problem locking directorate," running both the expected to offer complete obedience, over and was rapidly giving way to the lished a Soviet regime should be placed the poop deck. The wood that has

plore far greated areas below the axrface of the sea, and it will delve, insettingst, our merely map our paths
their approach to the question of its
many them, and past them up for manking
us.

The first initiation of any modification
and shall be a treatment of the construct of the constru

fagan, which, with inferior pearly beds of Japan, which, with the 'collure-pearly' beds of Japan, which, with inferior pearly, as it were, to order, baye much upset the market. Because of castillaties and physical break-down due to water pressure, it is not profitable to precious things by hand, and it also is impossible to dreedge beyond that distance because of the Mearly and has projected its impossible to dreedge beyond that distance because of the Mearly and the fact that the spentaneous social revolution in western. He form of local Communist leadership with the results body in Russia, zetting domination. Leating and his the second congress unfolded a much communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down in the communist leadership with the results body in Russia, zetting down frough her communist leadership with the results body in Russia, zetting down frough the communist leadership with the results body in Russia, zetting down frough her communist leadership with the results body in Russia, zetting down frough the communist leadership with the results body in Russia, zetting for the world. There was no descripted its the world. There was no clearly defined not communist leadership with the results body in Russia, zetting for the world in Moscow of the world in Moscow in July 1920. The Polish campaign during the past montant Nevertheleau, though with less assurance that which the Communist leadership with the results body in Russia, zetting for the world in Moscow of the world of the world in Moscow in July 1920. The Polish campaign during the past montant Nevertheleau, though with less assurance the leadership with the re is impossible to disciple beyond this distance in the form of local Community activities and distance because of the nature of the multiplants into every country of the most of the post options which which can be stated which which were the wholes over an actual community actual to methods which they will post the post options which which were thought which post options which which were the wholes of the method of the most options which which which were the wholes of the wholes of the wholes of the wholes of the which were the wholes of the wholes of the wholes of the wholes o